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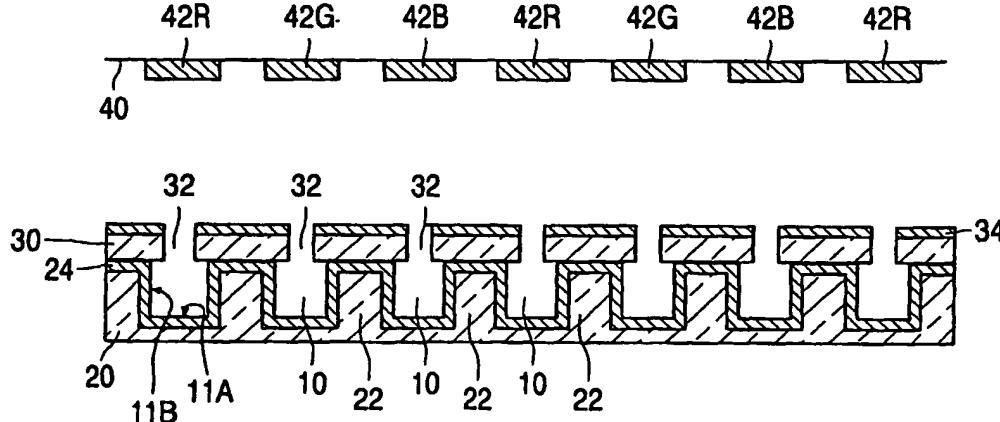
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(54) Title: DISPLAY DEVICE WITH ELECTRON BEAM GUIDING CHANNELS

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(57) Abstract: A display device is provided with electron beam guiding channels (10). A channel (10) receives an electron beam (EB) and guides the beam (EB) parallel to a luminescent display screen (40). The electron beam (EB) is extractable from the channel (10), after which the beam (EB) impinges on the display screen (40). Electrode means (11, 12, 13) defining an electric potential in the channel (10) are provided for guiding and extracting the electron beam (EB). The electrode means (11, 12, 13) are arranged in such a way that in the channel (10), the electron beam (EB) is focused in a transverse direction being perpendicular to the channel (10) and parallel to the display screen (40). Thus, the electron transmission of the beam guiding channel (10) can be particularly high.